

IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

1. (currently amended) A method of production of a transgenic plant, said method comprising[[:]] introducing and expressing the OsMyb gene (GenBank accession no. Y11414), complementary sequences, or transcription products thereof in a plant ~~transforming a plant with a Y11414 gene or a functional homologue thereof in other~~ species to produce a transgenic plant which is stress tolerant, wherein the stress is selected from the group consisting of biotic, salt-induced, dehydration-induced, oxidative, and osmotic stress.

2. (previously presented) The method according to claim 1 for prevention and/or treatment of biotic, salt-induced, dehydration-induced, oxidative, and osmotic stress.

3. (currently amended) The method according to claim 1, in which said gene is the OsMyb gene (GenBank accession no. Y11414) ~~Y11414 gene, its functional variants, complementary sequences, and transcription products thereof.~~

Claims 4-7 (canceled)

8. (currently amended) The [[A]] method according to claim 1, wherein said OsMyb gene is contained in ~~of production of a transgenic plant, said method comprising: transforming a plant with an expression cassette and/or a biological vector containing a Y11414 gene, a functional homologue thereof in other species, or a polynucleotide sequence according to claim 5 to produce~~ introduced and expressed in a transgenic plant which is stress tolerant.

Claims 9-14 (canceled)

15. (currently amended) A method for the preparation of a transgenic plant ~~plants that is~~ are tolerant to the biotic, salt-induced, dehydration-induced, oxidative, and osmotic stress, said method comprising ~~using the Y11414 gene, a functional homologue thereof, or a polynucleotide sequence according to claim 5~~ introducing and expressing the OsMyb gene (GenBank accession no. Y11414) in a transgenic plant.

16. (new) The method according to claim 15, wherein said transgenic plant is tolerant to at least biotic stress.

17. (new) The method according to claim 15, wherein said transgenic plant is tolerant to at least salt-induced stress.

18. (new) The method according to claim 15, wherein said transgenic plant is tolerant to at least dehydration-induced stress.

19. (new) The method according to claim 15, wherein said transgenic plant is tolerant to at least oxidative stress.

20. (new) The method according to claim 15, wherein said transgenic plant is tolerant to at least osmotic stress.

21. (new) A method for increasing stress tolerance in a transgenic plant, said method comprising expressing the OsMyb gene (GenBank accession no. Y11414) in said transgenic plant to increase its tolerance to stress, wherein the stress is selected from the group consisting of biotic stress, salt-induced stress, dehydration-induced stress, oxidative stress, and osmotic stress.

22. (new) The method according to claim 21, wherein said transgenic plant has increased tolerance to at least biotic stress.

23. (new) The method according to claim 21, wherein said transgenic plant has increased tolerance to at least salt-induced stress.

24. (new) The method according to claim 21, wherein said transgenic plant has increased tolerance to at least dehydration-induced stress.

25. (new) The method according to claim 21, wherein said transgenic plant has increased tolerance to at least oxidative stress.

26. (new) The method according to claim 21, wherein said transgenic plant has increased tolerance to at least osmotic stress.